AUTODOC CLUB

How to change rear anti roll bar links on **BMW E60** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
BMW 5 Saloon (E60) 525i 2.5, BMW 5 Saloon (E60) 520i 2.2, BMW 5 Saloon (E60) 530i 3.0, BMW 5 Saloon (E60) 530d 3.0, BMW 5 Saloon (E60) 545i 4.4, BMW 5 Touring (E61) 525i 2.5, BMW 5 Touring (E61) 545i 4.4, BMW 5 Touring (E61) 530d 3.0, BMW 6 Coupe (E63) 645Ci 4.4, BMW 6 Convertible (E64) 645Ci 4.4, BMW 5 Saloon (E60) 525d 2.5, BMW 5 Touring (E61) 525d 2.5, BMW 5 Saloon (E60) M5, BMW 5 Saloon (E60) 535d 3.0, BMW 5 Touring (E61) 535d 3.0, (+ 52)

The steps may slightly vary depending on the car design.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW E60. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Combination spanner #16
- Combination spanner #17
- Combination spanner #18
- Drive socket # 15
- Drive socket # 16
- HEX bit no.H6.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

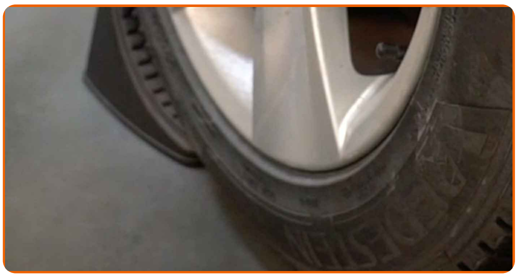
BUY TOOLS

Replacement: anti roll bar links – BMW E60. AUTODOC experts recommend:

- Replace the stabiliser links on BMW E60 in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW E60. RECOMMENDED SEQUENCE OF STEPS:

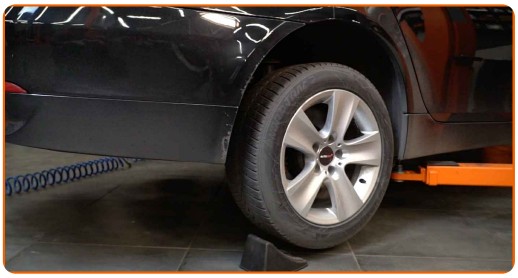
1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.



4 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW E60

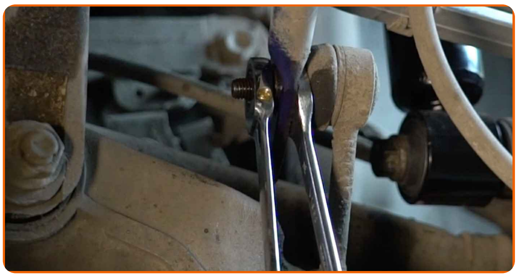
5 Remove the wheel.



6 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



7 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #15. Use a combination spanner #16.



8 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #18. Use HEX No.H6. Use a ratchet wrench.



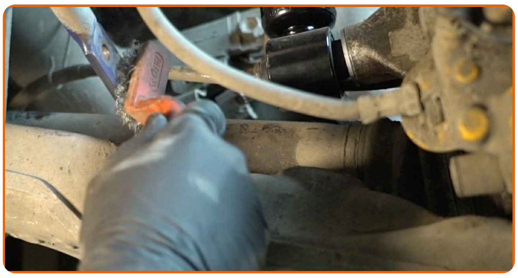
9 Remove the stabilizer rod.



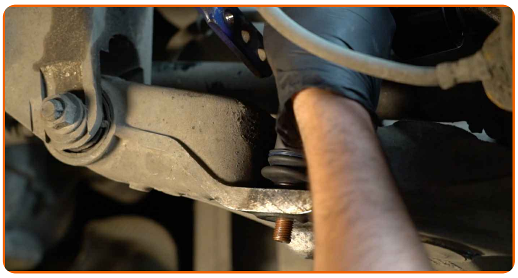
Replacement: anti roll bar links – BMW E60. Tip from AUTODOC experts:

- Examine stabiliser bushes. Replace them if needed.

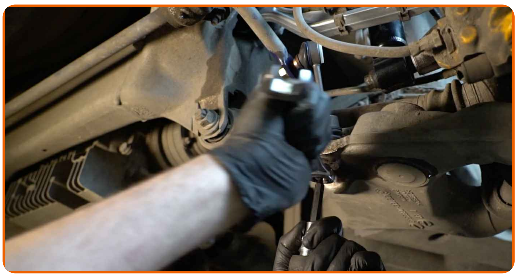
10 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



11 Install the transverse stabilizer link.



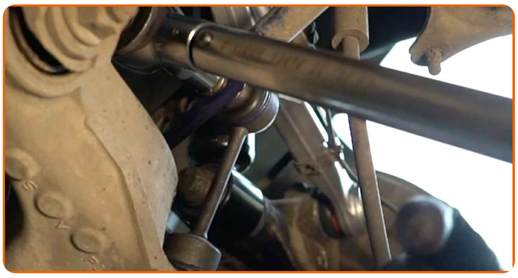
12 Tighten the stabiliser link fastener. Use a combination spanner #15. Use a combination spanner #17. Use a combination spanner #18. Use HEX No.H6. Use a ratchet wrench.



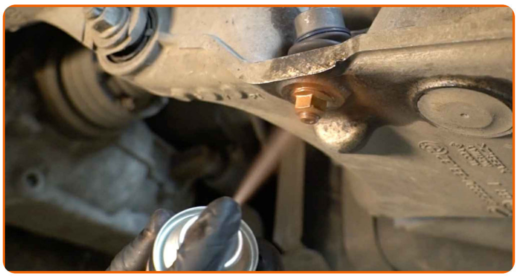
13 Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



14 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #16. Use a torque wrench. Tighten it to 65 Nm torque.



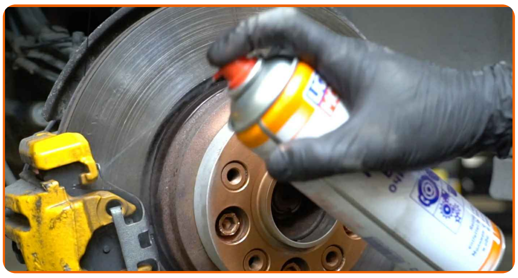
15 Treat all joints of the stabiliser link. Use copper grease.



16 Clean the wheel rim mounting seat. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



17 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – BMW E60. After applying the spray, wait a few minutes.

18 Install the wheel.



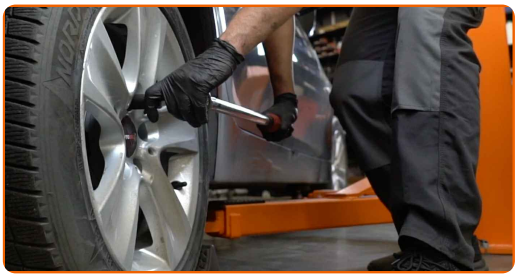
Replacement: anti roll bar links – BMW E60. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

19 Screw in the wheel bolts. Use wheel impact socket #17.



20 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



21

Remove the jacks and chocks.

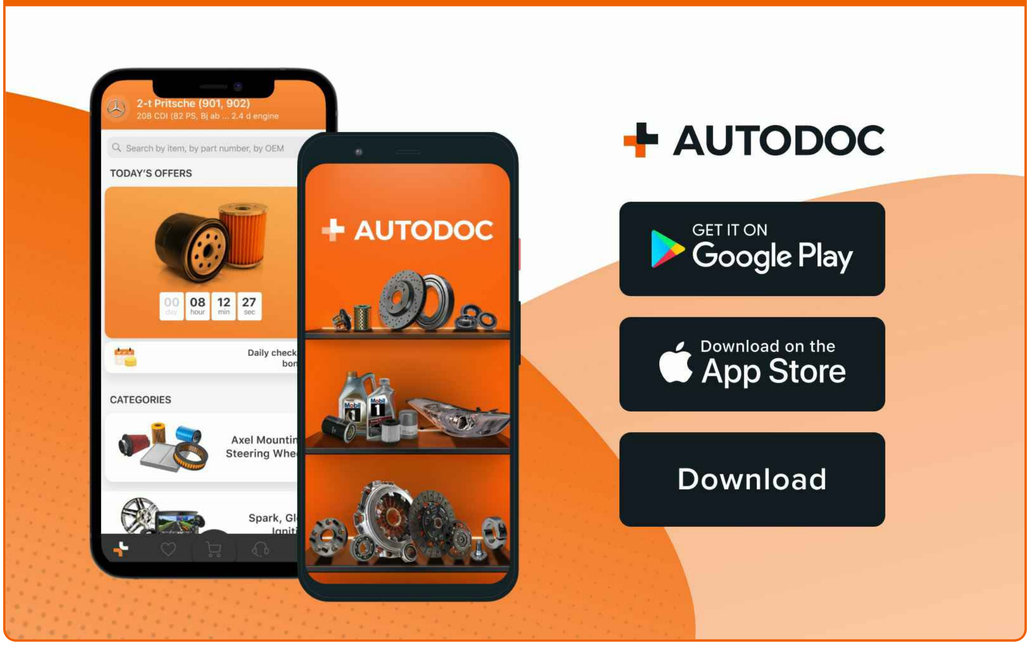


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